

From qrp-1@lehigh.edu Sat Jul 22 19:06:00 1995
From: frank@yorks.demon.co.uk (Frank, G3YCC)
Subject: [1929] End fed half wave ant.
Message-ID: <5741@yorks.demon.co.uk>

I apologise if this has been described before. It is an end fed half wave wire for any band and may be of interest to QRPers in the field, or from a mobile home. Being a half wave, no radials or counterpoise are needed.

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-----/-----HALF WAVE WIRE-----
|      \
=      /<----- COAX TO RIG
|_____\<-----BRAID
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50PF COIL

The configuration at the left is a parallel tuned circuit, consisting of a 50pf cap across a slug tuned coil, wound to suit the band in use. Try 20-25 turns on 1/4 inch former for 14 mhz. The tap for the rig is about 4 turns up from the 'earthy' end, the braid of the coax to the earthy end itself. Can be built in a 35 mm film cassette, leave a hole to adjust ferrite core for minimum SWR. You could mount 2 circuits in a container for two bands, say 14 and 21 mhz.

Works well, hope of interest to someone?

NOTE: If bothered with rf down the outer braid of the coax, try ferrite beads near matching unit - not found necessary yet.

73

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Frank G3YCC (G QRP 042)

From qrp-1@lehigh.edu Sat Jul 22 19:06:00 1995
From: PeterWK8S@aol.com
Subject: [1923] Looking to buy a Ten Tec Scout....anybody selling?
Message-ID: <950721213945_38048805@aol.com>

I am looking to buy a Ten Tec Scout. Anyone on the list have one they wish to part with OR know someone who does? If so please have them email me asap.

Pete

PeterWK8S@aol.com

From qrp-1@lehigh.edu Sat Jul 22 19:06:00 1995
From: Mike.Czuhajewski@bbs.abs.net (Mike Czuhajewski)

Subject: [1931] More archived articles
Message-ID: <1995Jul22.112916.9775@abs.net>

I've been uploading more of my articles from the QRP Quarterly to the articles and reviews subdirectories of QRP-L at Lehigh.edu. I've got a good ways to go still, but I've uploaded 24 articles so far. Most are identified by my call in the description field or .mcq in the file name. These include my two RS-12 articles, along with the K7YHA RS-12 article, which I had been sending out via e-mail on request. 73 and
Queue Our Pea DE WA8MCQ

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Mike Czuhajewski, user of the UniBoard System @ abs.net
E-Mail: Mike.Czuhajewski@bbs.abs.net
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-l@lehigh.edu Sat Jul 22 19:06:00 1995
From: kd7s@valleynet.com (Bill Jones)
Subject: [1922] Multi-band Transceiver
Message-ID: <199507220106.SAA13289@sierra.valleynet.com>

After building what seems like a gazillion single-band QRP rigs, I want to try my hand at a multi-bander. However, finding a decent design is harder than busting a QRO pile-up on 80 meters. I have been looking at Wayne Burdick's Safari-4 from October, November and December, 1990, QEX. Has anyone had any experience with this rig? Or, perhaps you know of an alternative. While the Sierra comes to mind, I would really prefer building something from scratch instead of a kit. No fool like an old fool, right? Anyhow, I would enjoy hearing from anyone (except maybe Olga) with suggestions and comments.

72/73 de KD7S
Bill Jones

From qrp-l@lehigh.edu Sat Jul 22 19:06:00 1995
From: CLATON.CADMUS@hamlink.mn.org (CLATON CADMUS)
Subject: [1939] MULTI-BAND TRANSCEIVER
Message-ID: <806423500.AA02951@hamlink.mn.org>

Hello to the list. Bill Jones KD7S wrote:

KD>After building what seems like a gazillion single-band QRP rigs, I want to
>try my hand at a multi-bander. However, finding a decent design is harder

>than busting a QRO pile-up on 80 meters. I have been looking at Wayne
>Burdick's Safari-4 from October, November and December, 1990, QEX. Has
>anyone had any experience with this rig? Or, perhaps you know of an
>alternative.

Take a look at QEX issue 90 and 91, August and September. 160-10 meters,
no WARC but could be added or put in place of the four 10 meter
segments.

Hope this Helps,

73 de Claton Cadmus, KA0GKC

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| FIDOnet= Claton Cadmus 1:282./100 |  
| INTERnet= Claton.Cadmus@hamlink.mn.org |  
| PACKETnet= KA0GKC@WB0GDB.#STP.MN.USA.NA |  
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If anything I have written makes

---NoSnail v1.17

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From qrp-1@lehigh.edu Sat Jul 22 19:06:00 1995  
From: amcleod@caribsurf.com (Angus McLeod)  
Subject: [1928] MXM 30 Meter Xcvr Kit  
Message-ID: <9507221337.AA05981@col2.caribsurf.com>

Does anyone have any comments they would like to share  
with me about the SuperRig from MXM? I have one here which  
I have had for several months and not had a chance to start  
work on (busy, busy, busy!).

Hope to get started on it within the next few days, so if you can  
make any helpful suggestions I'd appreciate it...

---

73, de Gus 8P6SM  
Barbados - The easternmost isle.

From qrp-1@lehigh.edu Sat Jul 22 19:06:00 1995  
From: dh@deneb.csustan.edu (Doug Hendricks)  
Subject: [1924] NorCal Numbers  
Message-ID: <9507220442.AA04035@deneb.csustan.edu>

Here is the NorCal Roster of Numbers that is up to date as of July 15th 1995.

|           |         |          |      |
|-----------|---------|----------|------|
| Abe       | Ron     | KM6HO    | 891  |
| Abrams    | A.L.    | N1AFJ    | 703  |
| Acito     | William | KC1GS    | 1147 |
| Adams     | Chuck   | K5FO     | 40   |
| Adams     | David   | KG0IO    | 206  |
| Adams     | Mark    | W6DVO    | 416  |
| Adams     | Frank   |          | 937  |
| Addison   | Richard | KD6BOR   | 975  |
| Adkins    | Walter  | N7EQN    | 1006 |
| Adler     | Paul    | KW1L     | 1057 |
| Adler     | James   |          | 1103 |
| Adler     | Tom     | AA6QY    | 1125 |
| Affrunti  | Bob     | AA9MI    | 859  |
| Agee      | Lester  | W5OQU    | 755  |
| Ahrens    | Tim     | WA5VQK   | 220  |
| Airola    | Virgil  | W6RXK    | 628  |
| Alexander | Hayes   | KD6ZBQ   | 67   |
| Alit      | Daniel  | WD0CGA   | 275  |
| Allen     | Adam    | N0ZIB    | 1188 |
| Allison   | Michael | KN6ZT    | 1191 |
| Alsup     | Bill    |          | 1263 |
| Altzman   | Jerry   | KE3ML    | 693  |
| Ames      | Alan    | N2ALE    | 317  |
| Amundsen  | Johan   | LA7FF    | 698  |
| Anderson  | Jeff    | WA6AHL   | 405  |
| Anderson  | Wade    | KB5EK    | 682  |
| Anderson  | Richard | N6LIM    | 839  |
| Anderson  | Kenneth | KA3WMJ   | 1251 |
| Anderson  | Kevin   | KB9IUA   | 1256 |
| Andrews   | Bob     | K3QXH    | 652  |
| Antasek   | Jenny   | KD6KKP   | 594  |
| Antezak   | Ernest  | NC8N     | 472  |
| Anthony   | David   | W5HOE    | 207  |
| Anthony   | Ken     | K6ADM    | 1158 |
| Appel     | Cliff   | WB6AWM/7 | 740  |
| Applegate | Dale    | KA6JFF   | 87   |
| Applegate | Charles | KC5HGP   | 869  |
| Arbogast  | Dan     | N0DA     | 965  |
| Arland    | Rich    | K7YHA    | 483  |

|            |          |        |      |
|------------|----------|--------|------|
| Armstrong  | Ted      | KA6LCL | 836  |
| Arnett     | Stanley  | AC8W   | 491  |
| Ashley     | CJ       |        | 1152 |
| Aspers     | Art      | N2LOI  | 1206 |
| Aston      | Bill     | W6JDT  | 1244 |
| Austin     | Tim      | K4KVK  | 289  |
| Austin     | Roy      | N6USY  | 1148 |
| Avila      | Ed       | WB6SDW | 38   |
| Axe        | Dave     | W7AGJ  | 1130 |
| Azemar     | Ed       | KA3YGI | 1087 |
| Babu       | Prakash  | VU2FPZ | 945  |
| Bahr       | Lee      | W0VT   | 1217 |
| Bailey     | Mark     | KD4D   | 191  |
| Bailey     | Cameron  | KT3A   | 232  |
| Bailey     | Lynn     | K5AVJ  | 410  |
| Baker      | Hall     | N6SYW  | 83   |
| Baker      | Glen     | WA2IWM | 754  |
| Baker      | Dennis   | W90CP  | 1051 |
| Baldwinson | Richard  | N6ATD  | 825  |
| Ballinger  | Rusty    |        | 898  |
| Banks      | Fredrick | AA0QB  | 591  |
| Barad      | Len      | K5LB   | 678  |
| Barbe      | Doug     | KA6WQE | 322  |
| Barglowski | Jan      | KC6UTH | 144  |
| Bargmann   | Nate     | KA0RNY | 684  |
| Barham     | James    | KC5DSP | 439  |
| Barnes     | John     | KE4HBM | 759  |
| Barnes     | Bill     |        | 1143 |
| Barnett    | Clyde    | KB4CUQ | 1005 |
| Barnhart   | John     | W8ZRI  | 631  |
| Barrett    | David    | VE7PCC | 727  |
| Barthel    | Randy    |        | 1141 |
| Barton     | David    | AF6S   | 796  |
| Bates      | Eric     | AA8MD  | 210  |
| Bauer      | Paul     |        | 1033 |
| Bauer      | Scott    | KE3NV  | 1094 |
| Beakin     | Rod      | NR7E   | 239  |
| Beaudry    | Jim      | N6JUG  | 225  |
| Beck       | Roy      | N6IPS  | 749  |
| Beckman    | Steve    | N3SB   | 366  |
| Behrens    | Joerg    |        | 550  |
| Bell       | Bob      | K8VOR  | 79   |
| Bellerive  | Darrell  | VE7CLA | 938  |
| Beltrani   | Paul     | N2KZZ  | 103  |
| Beman      | Lyman    | W6GP   | 1022 |
| Bennett    | Lloyd    | WA0WOD | 724  |
| Benson     | Dave     | NN1G   | 62   |
| Benterou   | Jerry    | KK6WB  | 912  |

|             |          |        |      |
|-------------|----------|--------|------|
| Bergeson    | Hal      | W0MXY  | 582  |
| Berlyn      | Robert   | N1PWU  | 305  |
| Bertaud     | Adele    | KE6HKY | 829  |
| Bevilacqua  | Giovanni | IK3RYX | 858  |
| Bible       | Steve    | N7HPR  | 254  |
| Bickers     | Diane    | N6DOD  | 883  |
| Bickers     | Larry    | KA60TM | 884  |
| Bishop      | Bruce    | K60Y   | 332  |
| Bishop      | Erwin    | WB7ATT | 1267 |
| Biskup      | Dick     | KN6CY  | 720  |
| Bixler      | David    | W0CH   | 1194 |
| Black       | Vic      | AB6SO  | 41   |
| Blake       | Hank     | WD0CFE | 152  |
| Blakely     | Dan      | KB6MHN | 362  |
| Blanke      | Kit      | WA6PWW | 97   |
| Blaszczak   | Chet     | KF2QY  | 663  |
| Bliss       | Larry    | KK6MF  | 166  |
| Bogusko     | Tom      | WB3FYU | 715  |
| Boland      | Michael  |        | 786  |
| Bolinger    | Walter   | N6UX   | 1266 |
| Bonavita    | Fred     | W5QJM  | 69   |
| Bonbright   | Bruce    | KD6IPX | 139  |
| Boschma     | Brian    | KK6FJ  | 175  |
| Bosslet     | Ronald   | N1IUD  | 261  |
| Botkin      | Dale     | N0XAS  | 856  |
| Bottom      | Dave     | KD6AZ  | 726  |
| Bowers      | Stewart  | WB6FBB | 538  |
| Bowman      | Tom      | WA3REY | 665  |
| Boyd        | Dale     | KD6PYQ | 747  |
| Boyer       | Richard  | N7VLU  | 656  |
| Bradley     | Dave     | W6CUB  | 120  |
| Brady, Jr.  | George   | AB60Z  | 832  |
| Brauer      | Howard   | WD6GNE | 908  |
| Braun       | James    | KB2GWF | 442  |
| Braver      | Kurt     | HB9AMZ | 621  |
| Brisbane    | Gary     | VE3REP | 1067 |
| Brittingham | Arthur   | W4MPT  | 345  |
| Britton     | Brad     | VE7IRS | 1230 |
| Broadwell   | Chuck    | W5UXH  | 264  |
| Broderson   | Dwayne   | AA7QH  | 271  |
| Brown       | Henry    | W6DJX  | 546  |
| Brown       | Jerry    | N4ED   | 637  |
| Brown       | Tom      | W6JHQ  | 1288 |
| Bryant      | Stewart  | G3YSX  | 745  |
| Bryant      | Barry    | KA20YF | 913  |
| Bryant      | Thaire   | KA1MJR | 1041 |
| Bryce       | Mike     | WB8VGE | 487  |
| Bucci       | Paul     | K9NO   | 590  |

|               |         |         |      |
|---------------|---------|---------|------|
| Buettner      | Peter   | KC8ER   | 518  |
| Bulger        | Joe     | AA6WG   | 455  |
| Bull Young    | Nils    | WB8IJN  | 616  |
| Bunavage      | Ed      | KA3YAA  | 311  |
| Bunyan        | William | VE7JO   | 573  |
| Burdick       | Wayne   | N6KR    | 3    |
| Burgoon       | Rob     | AB6NZ   | 847  |
| Burke         | Ed      | KI7KW   | 790  |
| Burkett       | Larry   | WA7SOU  | 47   |
| Burleson      | Cecil   | No CALL | 528  |
| Burniston     | Dave    | VE3LFO  | 434  |
| Burniston     | Gord    | VE3AKK  | 1238 |
| Burnley       | John    | NU0V    | 1004 |
| Burns         | Bill    | WA6QYR  | 788  |
| Bushnell      | Nate    | KD0UE   | 560  |
| Butcher       | Ron     | AA6D    | 173  |
| Butler        | Ralph   | K6ZAN   | 93   |
| Butler        | Ray     | WA4KEJ  | 503  |
| Button        | Hollis  | WF6U    | 59   |
| Buttschardt   | Cliff   | W6HDO   | 250  |
| Cabral        | Lloyd   | AA6T    | 1181 |
| Cadigan       | Tim     | WC1F    | 713  |
| Cadmus        | Claton  | KA0GKC  | 1072 |
| Cahn          | Howard  | WB2CPU  | 234  |
| Campbell      | Roy     | KN6QS   | 458  |
| Capon         | Rob     |         | 1121 |
| Carey         | Dave    | N3PBV   | 714  |
| Carmichael    | Ron     | KD6RFI  | 336  |
| Carpenter     | Russ    | AA7QU   | 658  |
| Carreiro      | Paul    | N6HCS   | 367  |
| Carrington    | Jim     | KD6JTY  | 551  |
| Carter        | John    | W5LGO   | 623  |
| Carter        | Floyd   | K6BSU   | 760  |
| Caruso        | Sal     | KC6WTO  | 978  |
| Cates         | Jim     | WA6GER  | 1    |
| Cates         | Steve   | KC6TEV  | 31   |
| Cebik         | L.B.    | W4RNL   | 1111 |
| Cepluch       | Robert  | AA8LJ   | 934  |
| Chambers      | Paul    | N6MYA   | 1135 |
| Chan          | Loren   | WA6ENC  | 48   |
| Chan          | Paul    | N6KV    | 1070 |
| Chandler      | Andrew  | N6JTX   | 955  |
| Chandler, III | James   | N0VAH   | 157  |
| Charlton      | Liz     |         | 1062 |
| Cheng         | Mike    | N2HCU   | 1149 |
| Cherry        | Myron   | N5ZPB   | 659  |
| China         | Myrun   | KB0LMQ  | 589  |
| Christensen   | David   | K7BWZ   | 194  |

|             |         |        |      |
|-------------|---------|--------|------|
| Christensen | Paul    | N9AZ   | 982  |
| Christian   | Paul    | KN60J  | 371  |
| Churchill   | Don     | K6EIX  | 961  |
| Clark       | Keith   | W6SIY  | 53   |
| Clayton     | Rodney  | KA3BHY | 237  |
| Clayton     | Don     | K6DFF  | 352  |
| Cleveland   | Grover  | WT6P   | 216  |
| Clifton     | Craig   | N6BWJ  | 312  |
| Cobb        | Dennis  | WA8ZBT | 1282 |
| Cockerell   | Larry   | W5HDD  | 827  |
| Coffin      | Hank    | KE6MPQ | 1224 |
| Cohen       | Stanley | N5PXA  | 1241 |
| Colaguori   | Tony    | W2GUM  | 344  |
| Colbert     | William | W5XE   | 1110 |
| Colgrove    | Scott   | KD6VEE | 397  |
| Collins     | Mike    | KC6SEG | 32   |
| Collins     | John    | KN1H   | 972  |
| Collins     | Dick    | K6ANN  | 1064 |
| Comas       | Andrew  | KF2JH  | 353  |
| Conley      | John    | W7ZFB  | 930  |
| Conly       | Ralph   | N6VT   | 108  |
| Cook        | Tim     | NZ8J   | 267  |
| Cook        | Lew     | KE6PTM | 1113 |
| Cooper      | Stan    | K4DRD  | 5    |
| Cooper      | John    | KJ5CR  | 447  |
| Cooper      | Dennis  | K3NVI  | 1200 |
| Corbin      | Lowell  | KD8FR  | 493  |
| Correia     | Dan     | WB6RDR | 236  |
| Cosma       | Richard | KD1BF  | 471  |
| Couger      | Gordon  | AB50G  | 764  |
| Covert      | Richard | W5DL   | 1053 |
| Craig       | Greer   | AA5HN  | 646  |
| Craigie     | Carter  | KD3AO  | 1095 |
| Cranston    | Scott   | KB1NW  | 179  |
| Crocevera   | Frank   | KD6HXU | 374  |
| Cromwell    | Spencer | K6VRS  | 1178 |
| Cronau      | Bob     | N4EHL  | 1275 |
| Cronenwett  | Mark    | KA7ULD | 27   |
| Cronenwett  | Larry   | KA7WXN | 165  |
| Crowell     | Edwin   | W5TWR  | 919  |
| Crozier     | Roy     | KE0UQ  | 57   |
| Crutcher    | Ken     |        | 524  |
| Cummings    | Stan    | AA6DK  | 85   |
| Cunningham  | Bill    | KE6DEV | 1131 |
| Curran      | Tom     | W7UAB  | 395  |
| Currie      | Mike    |        | 769  |
| Curry       | Daniel  | WB6STW | 686  |
| Cutter      | Bob     | KI0G   | 561  |



|             |          |        |      |
|-------------|----------|--------|------|
| Czuhajewski | Mike     | WA8MCQ | 387  |
| Dabkoski    | Joseph   | WB6QKU | 61   |
| Dall        | Brian    | N0TYC  | 1281 |
| Dallas      | Alanzo   | N6XME  | 1101 |
| Darragh     | Scott    | KE6MGW | 875  |
| Datwyler    | Doug     | WR70   | 163  |
| Davidson    | Saul     | W2G0B  | 1280 |
| Davis       | Leon     | W6UGT  | 545  |
| Davis       | Peter    | G0RFZ  | 719  |
| Davis       | Palmer   |        | 923  |
| Davis       | Leon     | W6UGT  | 1102 |
| Day         | Geoffrey | KB6GSA | 929  |
| DeAthos     | Paul     | AA80Z  | 1134 |
| DeGrazio    | George   | WF0K   | 204  |
| Delateur    | Louis    | KA6PLL | 209  |
| DemCak      | Frank    | N6TEN  | 1128 |
| Demmer      | Peter    |        | 685  |
| Deovlet     | Ben      | W6FDU  | 872  |
| Derk        | Lamar    | N3AT   | 989  |
| Despain     | Keith    | AB5QE  | 132  |
| DeVaughns   | Lloyd    | KD6FJI | 12   |
| Dezelski    | Hans     | DL1SDZ | 849  |
| Diana       | Gary     | N2JGU  | 287  |
| Dickens     | Richard  | KY0Q   | 735  |
| Dickerson   | Lewis    | K6BPB  | 386  |
| Dickey      | Paul     | N6J0X  | 905  |
| Dicks       | Colin    | ZR6AMK | 578  |
| Diegvez     | Carlos   | LU3CD  | 1124 |
| Diehlman    | Fred     | AE6G   | 383  |
| Diekman     | Ken      |        | 1214 |
| Dobbs       | George   | G3RJV  | 433  |
| Doctor      | Gordon   |        | 1037 |
| Doherty     | Robert   | K1VV   | 848  |
| Dolson      | William  | K8DDV  | 500  |
| Dolson      | Jim      | WB8ZBD | 501  |
| Domenici    | Eugene   | AC4ZY  | 389  |
| Dooley      | Mike     | KE4PC  | 75   |
| Dorn        | Don      | KJ5MG  | 676  |
| Dorner      | George   | W9ZSJ  | 326  |
| Doudera     | Petr     | OK1CZ  | 432  |
| Douglas     | Preston  | WJ2V   | 1021 |
| Downing     | Harold   | WA4LRU | 1237 |
| Drake       | David    | K8BRX  | 363  |
| Drake       | Ted      | W5TB   | 1002 |
| Dranginis   | Michael  | KC6SSE | 1025 |
| Draper      | Robert   | VE7IEI | 761  |
| Drummund    | Budd     | WJ6Q   | 954  |
| Duckett     | N.E.     | W6LYG  | 306  |

|           |          |         |      |
|-----------|----------|---------|------|
| Dumond    | Bill     | KA7EGX  | 541  |
| Dundas    | John     | AB6DG   | 1009 |
| Dunham    | Sheldon  | W40EL   | 76   |
| Duvall    | Tom      | W6QJZ   | 1133 |
| Dyer      | Bob      | KD6VIO  | 8    |
| Dyer      | Rick     | KC7HBT  | 1058 |
| Dyer      | Richard  |         | 1153 |
| Ea        | Dara     | N6YJS   | 373  |
| Earlix    | Larry    | KC6JEV  | 58   |
| East      | Larry    | W1HUE   | 756  |
| Easton    | Bob      | N2IPY   | 606  |
| Eaton     | Chandler | W1IFL   | 74   |
| Eaton     | Peter    | WB9FLW  | 286  |
| Eaton     | Doug     | WN6U    | 831  |
| Ebbett    | Walt     | KB6QIB  | 240  |
| Eddy      | Mark     | KN6PW   | 22   |
| Edelman   | Shel     | KM6GV   | 1242 |
| Edwards   | Ralph    | KG7YS   | 319  |
| Ehrlich   | Murray   | K7AU    | 320  |
| Eisenberg | Blane    | KJ6NM   | 1185 |
| Ellis     | Jerry    | N2XHY   | 675  |
| Elrod     | Jim      | WB6WLU  | 241  |
| Enault    | Neal     | WA6OCP  | 1183 |
| Englander | Denis    | KD6ETI  | 34   |
| English   | Bill     | N6TIW   | 221  |
| Enos      | Mervin   | N6FZS   | 106  |
| Erickson  | Ronald   | AK0N    | 413  |
| Ermisch   | Paul     | No Call | 282  |
| Esheim    | Ed       | NK6I    | 104  |
| Eure      | Barry    | KS4RT   | 1119 |
| Evans     | John     | N3Q00   | 262  |
| Evans     | Gary     | AA6R    | 358  |
| Evans     | David    | G4YND   | 699  |
| Evans     | Evan     | AA2AA   | 852  |
| Evans     | Ken      | KJ4XR   | 1195 |
| Everhart  | Joe      | N2CX    | 707  |
| Everly    | Jim      | K8IKE   | 474  |
| Evison    | Dave     | N6GKC   | 1126 |
| Falcone   | Joseph   | AA8HV   | 318  |
| Fancher   | Don      | K6TCP   | 985  |
| Farnworth | Bob      | WU7F    | 365  |
| Fassiotto | Marco    | IX1IIY  | 202  |
| Fauchier  | Dennis   | KB0GRD  | 762  |
| Faunt     | Doug     |         | 1039 |
| Feeney    | Kevin    | WB2EMS  | 192  |
| Feick     | Lawrence | NF0Z    | 324  |
| Feldman   | David    | WB0GAZ  | 921  |
| Felino    | Anthony  | WN6Q    | 1209 |

|              |         |         |      |
|--------------|---------|---------|------|
| Felts        | Jerry   | NR5A    | 1011 |
| Fenech       | Bill    | AA6ZK   | 626  |
| Ferguson     | John    | N1IPT   | 340  |
| Ferme        | Vincent |         | 343  |
| Ferranti     | Rick    | WA6NCX  | 45   |
| Fields       | Tom     | WB9VTY  | 477  |
| Fiford       | Charles | KD4YLG  | 1001 |
| Finch        | Bob     | N6CXB   | 479  |
| Fiorello     | Carmine | AB6KE   | 134  |
| Fisher       | Richard | KI6SN   | 37   |
| Fisher       | Bob     | KA3ZSU  | 398  |
| Fisher       | Michael | WT9W    | 977  |
| Fitton       | Jim     | W1FMR   | 137  |
| Flack        | David   | W0RNL   | 525  |
| Flanagan     | Mike    | KB8NKX  | 709  |
| Fleming      | John    | N9NDH   | 854  |
| Florip       | Bruce   | AA7AR/6 | 11   |
| Flower       | Dan     | KE6DMS  | 420  |
| Fluesmeier   | A.L.    | KE7IT   | 269  |
| Flusche      | Anthony | AB6BR   | 140  |
| Follett      | Robert  | WA7FCU  | 1180 |
| Forbes       | Ross    | WB6GFJ  | 351  |
| Forsyth      | Frank   | N8KTO   | 1204 |
| Fox          | Geoff   | WA1U    | 187  |
| Fox          | Larry   | KG7BA   | 226  |
| Frances      | George  | W3ASE   | 979  |
| Francis      | Patrick | N10CJ   | 171  |
| Francoeur    | Jim     | KC1FB   | 781  |
| Franklin     | Bruce   | KG7CR   | 377  |
| Franklin     | George  | W0AV    | 981  |
| Freeman      | Mark    | KD6CTH  | 1045 |
| French       | Robert  | AC6GO   | 1168 |
| Friend       | Steven  | AC6CL   | 792  |
| Frisz        | Tom     | N9DD    | 342  |
| Fry          | Jery    | KD6WSF  | 429  |
| Furman       | Jeff    | KD6MNP  | 28   |
| Furman       | Mike    | KD6OCS  | 138  |
| Furnweger    | Charles | WB4OWL  | 522  |
| Furry        | Gene    | K5GF    | 1219 |
| Furtado      | Art     | KG6PY   | 372  |
| Gains        | Smokey  | KN6AE   | 270  |
| Gainsborough | John    | KM6LJ   | 868  |
| Gallagher    | Thomas  | N6RA    | 457  |
| Galloway     | Maurice |         | 562  |
| Gansen       | Edward  | WQ8A    | 1090 |
| Garcia       | Greg    | WB6DAI  | 552  |
| Garland      | Harold  | KD6ZDO  | 595  |
| Garrison     | Karen   | AA1AH   | 973  |

|              |         |               |      |
|--------------|---------|---------------|------|
| Gauding      | Dave    | NF0R          | 159  |
| Gavin        | Michael | WB6KJE        | 799  |
| Geer         | James   | WB5LXZ        | 596  |
| Geitgey      | Lynn    | KB0LRB        | 399  |
| Gellatly     | Bruce   | VE7ZM         | 533  |
| George       | Allen   | N6PFL         | 115  |
| Gervais      | Joe     | KD6PRD        | 779  |
| Ghysels      | John    | KE6MCN        | 819  |
| Gibson       | John    | N6OM          | 164  |
| Gibson       | Stephen | WB4NBI        | 611  |
| Gibson       | Dwain   | WA0ZPT        | 627  |
| Giles        | Dan     | VE7QM         | 1165 |
| Gilger       | Mark    |               | 1223 |
| Gilman       | Leo     | WD6ALJ        | 600  |
| Gingell, Jr. | George  | K3TKS         | 426  |
| Gingras      | Bill    | KB6YML        | 1077 |
| Gjernes      | T.A.    | VE7PA         | 718  |
| Gleason      | John    | N6GRJ         | 887  |
| Glines       | Richard | WQ1T          | 146  |
| Gobrick      | Robert  | WA6ERB/VE2DRB | 88   |
| Goemans      | Paul    | WA9PWP        | 1226 |
| Gold         | Jeff    | AC4HF         | 39   |
| Goldstein    | Stan    | N6ULU         | 252  |
| Goodin       | R.L.    | N7MFY         | 1035 |
| Goodwin      | Dan     | KA1JML        | 448  |
| Goodwin      | Dave    | N0UNH         | 768  |
| Goosey       | Mal     | AA7WT         | 278  |
| Gordish      | Timothy | KD4URL        | 1208 |
| Gormley      | Pat     | KB6HZM        | 49   |
| Goulden      | Ted     | WA5VRE        | 1138 |
| Gouldie      | Jim     | AF3Z          | 784  |
| Grabowski    | Eric    | WA8HEB        | 293  |
| Graham       | Dwight  | WA6NAE        | 870  |
| Grasso       | Gerald  | WW0G          | 695  |
| Graves       | Bill    | N7TDK         | 99   |
| Gray         | Rand    | W1GXN         | 265  |
| Gray         | James   | W1XU          | 580  |
| Greenwood    | Greg    | WB6FZH        | 71   |
| Gregson      | Roy     | W6EMT         | 263  |
| Grey         | Chuck   | ND7K          | 1010 |
| Grib         | Joe     | KI3B          | 1055 |
| Griffiths    | Robert  | NE3I          | 1014 |
| Grinspan     | Benson  | KB7TYZ        | 1163 |
| Grubbs       | Ronald  | WA6TZC        | 1145 |
| Gruen        | Huston  | K7ITA         | 208  |
| Guinn        | David   | K04MC         | 736  |
| Gunn         | Ruffner | KE6KTP        | 840  |
| Guo          | Lisa    |               | 553  |

|            |         |        |      |
|------------|---------|--------|------|
| Gurnee     | Frank   | K06MM  | 1114 |
| Gustoff    | Mark    | W07T   | 141  |
| Gypin      | Jess    | N0TFI  | 1174 |
| Gypin      | Jess    | N0TFI  | 1186 |
| Haas       | Edward  | W7RK   | 572  |
| Haas       | H.H.    | W2FL   | 1157 |
| Hagar      | Robert  | KI7HW  | 780  |
| Haik       | Vern    | KJ60G  | 19   |
| Hale       | Jim     | KJ5TF  | 990  |
| Hambric    | Ronald  | N5SBN  | 605  |
| Hamer      | Arvid   | WA6UUT | 826  |
| Hamilton   | Keith   | N08Z   | 215  |
| Hamilton   | James   | AC4AS  | 470  |
| Hamilton   | Mike    | KK6KF  | 1272 |
| Hammond    | Noel    | KK6AL  | 248  |
| Hammond    | Frank   | KC4GKY | 334  |
| Hansen     | Marcus  | VE7CA  | 1028 |
| Hardie     | Peter   | VE5VA  | 290  |
| Harger     | Elmer   | KM6FG  | 520  |
| Haring     | Dave    | WL7DB  | 672  |
| Harold     | Steven  | KA2FDS | 866  |
| Harpen     | Martin  | KK4RF  | 635  |
| Harper     | John    | KZ60   | 1078 |
| Harris     | James   | KE6PCK | 1093 |
| Hart       | Gary    | WL7KV  | 998  |
| Hartford   | Cam     | N6GA   | 52   |
| Harton     | Paul    | W5ILN  | 460  |
| Hartshorn  | Lloyd   | N6DOK  | 117  |
| Hartwell   | Marty   | KD8BJ  | 844  |
| Hassan     | Bill    | WA1IML | 1073 |
| Hastings   | Larry   | WB0AKE | 767  |
| Hatton     | Peter   | N6JBV  | 816  |
| Haynes     | Richard | N5QXF  | 601  |
| Hayward    | Wes     | W7ZOI  | 300  |
| Heacock    | Doug    | AA0MS  | 296  |
| Headrick   | Bob     | WA7OVU | 174  |
| Headrick   | Richard | WA7QCC | 1258 |
| Heath      | Gregg   |        | 298  |
| Hebert     | James   | KA8OUT | 364  |
| Heinen     | Edgar   |        | 1276 |
| Heinzlmeir | Blair   | VE6BJH | 1069 |
| Heise      | Jan     | WA4VQD | 184  |
| Helpfen    | Mark    | KM6FM  | 35   |
| Helms      | Robert  | AF5Z   | 508  |
| Helton     | Ernest  | W8MVN  | 490  |
| Hemphill   | Dean    | KC5NG  | 634  |
| Hendricks  | Doug    | KI6DS  | 2    |
| Hendricks  | Kerry   |        | 531  |

|                 |          |        |      |
|-----------------|----------|--------|------|
| Henry           | Steve    |        | 865  |
| Herr            | Mike     | WA6ARA | 50   |
| Herrschaft      | Paul     | KQ6G   | 253  |
| Heusser         | Robert   | K6TUY  | 384  |
| Hian            | Tan Boen | 9V1ZH  | 574  |
| Hickox          | Bill     |        | 1036 |
| Hicks           | Greydon  | KC6SLE | 807  |
| Hideg           | Steve    | N8HSC  | 323  |
| High            | Rich     | W0HEP  | 327  |
| Hightower       | Roger    | AA7QY  | 1099 |
| Hightower       | Bob      | KI7MN  | 1228 |
| Hill            | Jim      | K6UUW  | 841  |
| Hiser           | Ernie    | AB6PP  | 283  |
| Hodgson         | Richard  | WI6D   | 687  |
| Hoffman         | Philip   |        | 1030 |
| Holmes          | David    | K4UMI  | 437  |
| Holmes          | Vernon   | KG5HD  | 636  |
| Holmes          | Marv     | W0YHE  | 639  |
| Holt            | James    | KM6MO  | 131  |
| Holzknicht      | Ralph    | W6RVY  | 149  |
| Hoogasian       | Harold   | WB6WAS | 815  |
| Hoover          | Pete     | W6ZH   | 609  |
| Hopkins         | Michael  | AB5L   | 581  |
| Hornberger, Jr. | Robert   | WA5DRQ | 200  |
| Hosey           | Forney   | KE6PEO | 1084 |
| Houf            | Bob      | KD9UX  | 649  |
| Howard          | Richard  | KM6QW  | 154  |
| Howard          | Ralph    | WD6BGN | 804  |
| Hrudetz         | Al       | W5QEE  | 273  |
| Hubla           | S.       | KE6KGT | 943  |
| Hudnall         | Robert   | N5ZRD  | 766  |
| Hudson          | Kenny    | K5QLP  | 700  |
| Huffstetler     | Don      | WA6OUW | 993  |
| Hurd            | Edgar    | W6TAD  | 584  |
| Hurwitt         | Mark     | K6CQD  | 156  |
| Hutchins        | Lee      | KA6IRL | 526  |
| Hutchins        | Eric     | KE6IIY | 805  |
| Hutchinson      | Paul     |        | 688  |
| Huyck           | Bruce    | KJ4ER  | 1042 |
| Hynd            | Bob      | N5URL  | 597  |
| Hysell          | John     | KF2XC  | 219  |
| Icou            | Dave     | KD6AEH | 897  |
| Irish           | Wesley   | WA2CRQ | 952  |
| Irons           | Ralph    | AA6UL  | 55   |
| Isler           | Carl     |        | 697  |
| Isley           | Rhett    | KB4HG  | 1023 |
| Isseks          | Barry    | AC6HV  | 927  |
| Iza             | Jon      | EA2SN  | 701  |

|              |          |        |      |
|--------------|----------|--------|------|
| Jacob        | Eugene   | KM4FJ  | 1085 |
| Jacobson     | Edward   | AB6QL  | 1235 |
| Jadoon       | George   |        | 877  |
| Jaminet      | John     | W3HMS  | 456  |
| Jamison      | John     |        | 1106 |
| Janssen      | Willi    | DL1BJI | 641  |
| Jarchow      | Mike     | KE6HD  | 68   |
| Jarmuz       | David    | AA2PF  | 1031 |
| Jennings     | Tom      | KV2X   | 190  |
| Jentges      | T.W.     | W6ALO  | 771  |
| Johns        | Jim      | KA0IQT | 145  |
| Johns        | Clarence | KC6LIJ | 704  |
| Johnson      | Dave     | WA4NID | 355  |
| Johnson      | Byron    | WA8LCZ | 838  |
| Johnson      | Howard   | WD4FXX | 671  |
| Johnson      | Dan      | KC4EYT | 963  |
| Johnson, Jr. | Peter    | KN6MO  | 388  |
| Jones        | Darrell  | WD6BOR | 17   |
| Jones        | Jeff     | AB6MB  | 65   |
| Jones        | Chris    | N7ZWA  | 309  |
| Jones        | James    | K9PNG  | 440  |
| Jones        | Larry    | N5OSG  | 481  |
| Jones        | Wil      | N5VHY  | 683  |
| Jones        | Tom      | KR2V   | 787  |
| Jones        | Charles  | AA4X0  | 855  |
| Jones        | Fred     | WB4BDS | 935  |
| Jones        | William  | N5DOX  | 950  |
| Jones        | J.L.     | N9KXB  | 995  |
| Jones        | Allan    | K9DZE  | 1061 |
| Jose         | Ed       | N6ICG  | 892  |
| Joseph       | David    | WA6BOY | 26   |
| Jue          | Martin   | K5FLU  | 222  |
| Jumper       | Mike     | KC4DIZ | 245  |
| Kadesch      | Charles  | W8KVB  | 1089 |
| Kaherl       | Doug     | KG8F   | 1215 |
| Kahn         | Arthur   | W6NJY  | 666  |
| Kaidor       | Jerome   | KF6VB  | 168  |
| Kampa        | Paul     | KB2HAA | 466  |
| Kaps         | Nicholas | K6DIW  | 4    |
| Karty        | Steven   | N4UHO  | 391  |
| Kashuba      | Mike     | KI6OI  | 295  |
| Kasin        | Bob      | KA5MIZ | 625  |
| Kastigar     | Matt     | N0XEU  | 706  |
| Katz         | Damon    | KE6BXY | 604  |
| Kaul         | Alan     | W6RCL  | 315  |
| Keane        | William  | N1NIK  | 1008 |
| Kearney      | James    | KB8GDN | 516  |
| Keen         | Albert   | KI6UY  | 994  |

|              |         |           |      |
|--------------|---------|-----------|------|
| Kees         | Eric    | N7HWW     | 430  |
| Keeton       | Burl    | N5DUQ     | 274  |
| Kehr         | Bob     | KA9MDP    | 970  |
| Kell         | Ted     | KC5CUW    | 203  |
| Keller       | Robert  | KB6OHO    | 148  |
| Kelley       | Michael | N6VNE     | 514  |
| Kellner      | Richard | W5RXP     | 563  |
| Kellogg      | Bob     | KE4UPV    | 1139 |
| Kelly        | Don     | KA5UOS    | 599  |
| Kelly        | John    | AA8LF     | 1184 |
| Kelsey       | Bill    | N8ET      | 43   |
| Ketterman    | Charles | K6EN      | 33   |
| Keys         | Phil    | KB7WXP    | 664  |
| Khan         | Hamid   | N7OLJ     | 757  |
| Kiespert     | Brad    | KG5UK     | 752  |
| Killer       | Ed      | W6UDY     | 906  |
| Kimball      | Dennis  | KB6VFC    | 738  |
| King         | Jerry   | W4MLA     | 310  |
| Kirby        | John    | N3AAZ     | 640  |
| Kirlew       | Nigel   | N4TKC     | 1012 |
| Klarer       | Herb    | WB6VGC    | 880  |
| Kline        | Richard | WB3BLM    | 475  |
| Knochenhauer | J.D.    | K6ITL     | 873  |
| Knopp        | Don     | VE7BLM    | 1261 |
| Knudson      | Doug    | KB6ZMQ    | 281  |
| Knutzen      | Nels    | W0PEC     | 1155 |
| Koch         | Eric    | NF0Q      | 482  |
| Koch         | Allan   | KA8JJN    | 1201 |
| Koenig       | John    | NB7W      | 1107 |
| Kohl         | Kerry   | KN6NF     | 394  |
| Kohl         | Hank    | K8DD      | 492  |
| Koller       | Edward  | W6UDY     | 971  |
| Koretko      | Paul    | WA0BAG    | 509  |
| Kors         | Dick    | KM6EP     | 121  |
| Korte        | Bob     | KD6KYT    | 619  |
| Kortge       | Jim     | NU8N      | 1198 |
| Kosa         | Bob     | N5LCO     | 729  |
| Koseh        | Larry   | K8EJU     | 939  |
| Kostyk       | Al      | VE6MAN    | 1024 |
| Kowalsky     | Richard | N7RAY     | 235  |
| Koyle        | Myron   | N8DHT     | 406  |
| Kozlovsky    | Don     | KE9GG     | 480  |
| Krampell     | Mangus  | SM7IFU/W2 | 585  |
| Kraus        | Howard  | K2UD      | 924  |
| Kremer       | Karl    |           | 195  |
| Kretcmer     | Joseph  | WA9WIG    | 710  |
| Kretzschmar  | James   | N4HCJ     | 112  |
| Kubisch      | Steve   | WW7Y      | 258  |



|             |         |        |      |
|-------------|---------|--------|------|
| Kuhl        | Stan    | K6MA   | 114  |
| Kuhn        | Charles | N9NVV  | 643  |
| Kumsan      | Sontaya | HS2USP | 1052 |
| Laas        | Rod     | KN6DA  | 307  |
| Labutski    | John    | KD6VDU | 158  |
| Lai         | Bob     | KM6QP  | 96   |
| Lai         | Larry   | BV2BJ  | 673  |
| Lakenmacher | Dan     | N5UNU  | 302  |
| Lamboy      | Juan    | AD4IM  | 1020 |
| Lampe       | Ron     | WD6CIM | 1100 |
| Landon      | Kalman  | WD6CZI | 178  |
| Lang        | Gary    | WN9U   | 411  |
| Lanning     | Bob     | W6OP0  | 381  |
| Lanyon      | Fred    | WB00TP | 614  |
| Larmon      | John    | WE2H   | 843  |
| Larsen      | James   | AL7FS  | 1074 |
| Lauri       | Frank   | KD2IX  | 412  |
| Lawson      | Bart    | NZ5T   | 679  |
| Lawyer      | Bruce   |        | 511  |
| Le          | Thang   | AA6SV  | 321  |
| Learn       | R.J.    | K3G0X  | 1262 |
| LeBarge     | Craig   | WB3GCK | 566  |
| LeBarts     | Kent    | KK6IU  | 18   |
| Lee         | Stephen | KC7AVB | 182  |
| Lee         | Gene    | AB7HN  | 233  |
| Lee         | Robert  | K8RL   | 669  |
| Lee         | George  | K5HT   | 795  |
| Lee         | David   | KF6MP  | 850  |
| Lee         | Charles | KB9GUC | 1112 |
| Legge       | Bill    | NT1R   | 705  |
| Legrand     | C.C.    | AH6CS  | 889  |
| Leinau      | Bob     | W7BD   | 763  |
| Leinweber   | Glen    | VE3DNL | 800  |
| Leitner     | Bernard | KE6BYA | 565  |
| Lemoine     | Dana    | KB7WSW | 615  |
| Leonard     | Ken     | K6DRN  | 1144 |
| Letsinger   | Dewey   | KN6WU  | 549  |
| Lewallen    | Roy     | W7EL   | 467  |
| Lewellyn    | Stanley | W4HCN  | 396  |
| Lewis       | Warren  | KD4YRN | 180  |
| Ley         | Hary    | KC6PDC | 423  |
| Libby       | Albert  | KB1FK  | 690  |
| Liebenrood  | John    | K7R0   | 723  |
| Liencrest   | Bjorn   | KN6IW  | 953  |
| Lieser      | Ed      | KB8TMY | 1169 |
| Lifter      | Bruce   | KR4AQ  | 185  |
| Lindley     | John    | W6YOY  | 974  |
| Linstruth   | Wally   | WA6JPR | 842  |

|             |         |        |      |
|-------------|---------|--------|------|
| Litchfield  | George  | KB2NVN | 257  |
| Little      | Dave    | AF5U   | 461  |
| Littlefield | Rick    | K1BQT  | 465  |
| Lockwood    | Bob     |        | 506  |
| Lofgren     | Charlie | W6JJZ  | 1091 |
| Logan       | Bob     | NZ5A   | 205  |
| Logan       | Josh    | WX7K   | 1115 |
| Logullo     | Jeff    | N0MII  | 992  |
| Long        | Ray     | KD6GLS | 229  |
| Lorenson    | Don     | KN6LG  | 821  |
| Lowrauce    | Wayne   | KI6QZ  | 1205 |
| Luberto     | Michael | KA8IMZ | 1108 |
| Lucas       | Robert  | WD5IBX | 680  |
| Lucchini    | Richard | WA2RQY | 957  |
| Luck        | Rodney  | VE7ESA | 991  |
| Ludwig      | Loren   | KG0HM  | 452  |
| Luscomb     | David   | AB5JE  | 450  |
| Lutz        | Peter   | AB6AV  | 846  |
| Lyon        | Tony    | KJ5XF  | 853  |
| Lyons       | James   | VE2KN  | 510  |
| Lyster      | John    | KM4CB  | 1268 |
| MacDonald   | Duncan  | VE6DMD | 588  |
| Macleod     | Stephen | WH6SU  | 1197 |
| Magirian    | Raymond | K4DHC  | 633  |
| Magnusson   | Paul    | W7MYA  | 830  |
| Magro       | Dan     | KV6I   | 91   |
| Maguire     | John    | GM0PQV | 721  |
| Maguire     | Dan     | AC6LA  | 1173 |
| Mahler      | Chuck   | KN6WW  | 102  |
| MaHoney     | Ken     | K6OPG  | 127  |
| Majewski    | Ron     | WB8RUQ | 183  |
| Maliniak    | David   | N2SMH  | 1054 |
| Malzone     | Louis   | AC6BC  | 645  |
| Manabe      | Ron     | KN6VO  | 122  |
| Manuel      | Ed      | N5EM   | 498  |
| Marandos    | Dennis  | K1LGQ  | 272  |
| Margeson    | Eric    |        | 837  |
| Margot      | Alan    | N6BXU  | 547  |
| Marholin    | Mark    | KE6JJR | 1096 |
| Markle      | Jim     | KB5OB  | 583  |
| Markovitz   | Herb    | N70GI  | 817  |
| Marlan      | Bob     | KA6NOC | 277  |
| Marlin      | Bill    | KD6LTA | 810  |
| Marmor      | Michael | AA2UJ  | 997  |
| Marriner    | Ed      | W6XM   | 1137 |
| Marsh       | Harry   | W6TFQ  | 314  |
| Marsh       | Doug    | N8TUT  | 739  |
| Marshall    | Gene    | AA6IY  | 36   |

|            |         |        |      |
|------------|---------|--------|------|
| Martell    | Michael | N1HFX  | 1040 |
| Martin     | Emil    | K6MJ   | 532  |
| Martin     | Davis   |        | 734  |
| Martin     | Stephen | NK3R   | 925  |
| Martinson  | Wes     | WA0IAD | 1038 |
| Marzocca   | Dean    |        | 1239 |
| Maslyukov  | Vasili  | UA0SN  | 750  |
| Mason      | Don     | K0EM   | 1220 |
| Matheson   | H.J.    | K6QD   | 1176 |
| Matsuda    | K.      | JH1KKT | 1247 |
| Maxwell    | Jim     | W6CF   | 288  |
| Mayer      | Mike    | VE7FVM | 1116 |
| McCabe     | Matthew | KC6NYJ | 1065 |
| McCloskey  | Anthony | WA3CA0 | 1253 |
| McClure    | Bud     | K5IUD  | 667  |
| McClurkin  | J.L.    | W7JDZ  | 100  |
| McCoy      | Bill    | KE4JSU | 733  |
| McCuistion | Mark    | KB2ELS | 964  |
| McCulley   | Gary    | KD6TKV | 1127 |
| McDonald   | D.J.    | K6AGN  | 101  |
| McDowell   | Jeff    | N0WCF  | 504  |
| McElroy    | Jim     | AA3BZ  | 629  |
| McGahey    | Gene    | AL7GQ  | 89   |
| McGinnis   | A.      | WA2DTP | 648  |
| McInnis    | Ron     |        | 732  |
| McIntosh   | Jeffrey | G7ILM  | 806  |
| McKee      | Jim     | KK6SD  | 833  |
| McKinnie   | Paul    | W6ERB  | 119  |
| McLellan   | Scott   | ND3P   | 198  |
| McLeman    | Jeff    | KD1IT  | 443  |
| McNamara   | Richard | KD4UGC | 602  |
| McPhie     | David   | WA7YCA | 1207 |
| McTaggart  | Kenneth | N6KM   | 231  |
| McWilliams | James   | K6LHP  | 1154 |
| Meacham    | David   | W6EMD  | 339  |
| Meacham    | Doug    | KC6VKT | 879  |
| Mead       | Earl    | AB6CN  | 820  |
| Meade      | John    | W2XS   | 1060 |
| Meadows    | Jack    | WD7I   | 554  |
| Meahan     | Bill    | WA8TZG | 407  |
| Mehr       | Howard  | AA1JI  | 1056 |
| Meier      | Pete    | WK8S   | 478  |
| Meier      | Paul    | WA7MIG | 1190 |
| Meltier    | Randy   | KK6TQ  | 111  |
| Melton     | Ronald  | N7NIQ  | 329  |
| Menard     | Glenn   | KK6ZC  | 66   |
| Mensing    | David   | N2PSH  | 244  |
| Meyer      | Frank   | KE70F  | 285  |

|                   |         |        |      |
|-------------------|---------|--------|------|
| Meyer             | Tom     | WB50LA | 789  |
| Michael           | D.A.    | W3TS   | 540  |
| Michnay           | Dan     | K9EA   | 567  |
| Middleton         | Peter   |        | 1284 |
| Midkiff           | Monte   | N7TAV  | 730  |
| Miers             | John    | KN6HG  | 110  |
| Mikkelsen         | Tom     | WA0POD | 476  |
| Miller            | Mike    | WB6TMH | 16   |
| Miller            | Chris   | KD6WUC | 95   |
| Miller            | Forrest | N6ZBZ  | 124  |
| Miller            | Steve   | KG7PV  | 308  |
| Miller            | Bob     | WB6KWT | 382  |
| Miller            | Alan    | N6VYI  | 436  |
| Miller            | John    | WD5HZE | 438  |
| Miller            | Randy   | WA00UI | 486  |
| Miller            | Steve   |        | 1287 |
| Milne             | Bruce   | WB2QAP | 260  |
| Milos             | Frank   | N01E   | 259  |
| Miner             | Bill    | WG6H   | 445  |
| Mitchell          | Brad    | WB8YGG | 346  |
| Mizrahi Shalom    | Ori     | AC6AN  | 441  |
| Moeller           | Ron     | K8BPN  | 21   |
| Moeslchler        | Loren   | W6KGS  | 109  |
| Moffett           | LeAnne  | KC5KKQ | 948  |
| Moffett           | Paul    | WB5VZI | 949  |
| Mohan             | Sam     | KB3BEA | 984  |
| Moizeau           | Charles | W2SH   | 692  |
| Moneysmith        | W.G.    | W4NFR  | 495  |
| Monninger         | Mark    | AA7TA  | 1233 |
| Montilla Guerrero | Miguel  | EA3EGV | 620  |
| Moore             | Jim     | KD6TAX | 378  |
| Moore             | Larry   | KM6IU  | 424  |
| Moore             | John    | AB6DL  | 425  |
| Moore             | Douglas | KC5ZF  | 681  |
| Moreno            | Robert  | KE6GTI | 548  |
| Moreno            | Bob     | KE6GTI | 1221 |
| Moresi            | Bill    | N6FER  | 238  |
| Morgan-Davie      | Keith   | N2MUU  | 193  |
| Moriarity         | John    | K6QQ   | 851  |
| Morrison          | Walt    | W2CXY  | 956  |
| Morrisroe         | Jack    | KA6GZA | 414  |
| Morse             | William | KB2URF | 1229 |
| Mount             | Robert  | KB6MHS | 449  |
| Mueller           | Dennis  | KF6MZ  | 1017 |
| Mukai             | Thomas  | WB2STR | 9    |
| Mull              | Larry   | KB7ZNE | 129  |
| Mullins           | Jack    | K6CBL  | 1046 |
| Mulvey            | Rich    | N2VDS  | 213  |

|            |         |        |      |
|------------|---------|--------|------|
| Munger     | James   | KE6NFD | 1277 |
| Murowski   | Randy   | KA9IUD | 1189 |
| Murphy     | Dennis  | KB6LZW | 125  |
| Murphy     | Jack    | AB7GW  | 507  |
| Murphy     | Robert  | W3HJJ  | 530  |
| Murray     | Bill    | VE7YY  | 915  |
| Murray     | Ray     | AI2S   | 1192 |
| Muscolino  | Bruce   | W6TOY  | 473  |
| Nagai      | Kei     | AB6SS  | 818  |
| Nagata     | Ron     |        | 986  |
| Nagle      | Frank   | N6NQY  | 116  |
| Nakayama   | Curt    | KH6LE  | 153  |
| Nameny     | Bill    | K6SL   | 902  |
| Narramore  | Gary    | N6YBD  | 14   |
| Neece      | Robert  | N4JED  | 758  |
| Neindorff  | Richard | WB2RAR | 167  |
| Nellis     | Albert  | KA8IPO | 496  |
| Nelson     | Tom     | KD6EVM | 161  |
| Nelson     | Larry   | KC6NYG | 907  |
| Neverdosky | Mike    | N6CHV  | 996  |
| Newland    | Paul    | AD7I   | 1016 |
| Nichols    | Todd    |        | 593  |
| Nilsson    | Clemed  |        | 1063 |
| Nolin      | Chuck   | WA6LTV | 1066 |
| Noll       | Rick    | KE3SB  | 1171 |
| Nordquest  | David   | KE9ED  | 632  |
| Norman     | Max     | W2IQE  | 1285 |
| Norris     | Jim     | N9RKB  | 212  |
| Northrup   | Bill    |        | 1027 |
| Norton     | Bill    | 5H3BN  | 1265 |
| Nunnelley  | Lew     | N6QKP  | 1182 |
| Nystedt    | John    | KC7AKW | 607  |
| O'Donald   | Gary    | WB7TXN | 304  |
| Okas       | Bob     | N3MBY  | 189  |
| Olheiser   | Ed      | WB6LRV | 558  |
| Olson      | Brian   | N0XFE  | 356  |
| Olson      | Carl    | W6QYO  | 421  |
| Ontiverous | Rob     | KC6ZTT | 113  |
| Osinski    | Mark    | N9VHY  | 513  |
| Ott        | Stanley | K8MQN  | 1245 |
| Ozment     | Bill    | W6SLW  | 328  |
| Pace       | Clay    | WA6FDF | 279  |
| Pacyna     | Ed      | W1AAZ  | 176  |
| Page       | Chris   | G4BUE  | 468  |
| Paine      | Bob     | W7RX   | 368  |
| Palings    | Walter  | ON4PX  | 333  |
| Palmer     | Ken     | KK5DB  | 864  |
| Parker     | Jerry   | WA6OWR | 172  |

|                |         |        |      |
|----------------|---------|--------|------|
| Parker         | Paul    | WB6DHH | 822  |
| Parmley        | William | KR8L   | 454  |
| Pascoe         | Dick    | G0BPS  | 338  |
| Passione       | Vince   | WA2ECP | 1248 |
| Pattison       | Richard | VE7GC  | 568  |
| Paul           | Bil     | KD6JUI | 256  |
| Pavao          | Alfred  | KD6EFV | 651  |
| Pea            | Bruce   | N9WKE  | 1227 |
| Pearcy         | Bob     | N6USN  | 177  |
| Pease          | Roger   | KE6PPI | 1146 |
| Peavey         | Howard  | K9PV   | 408  |
| Pellizzoni     | Fabio   | IK2LEY | 708  |
| Pelt           | Ransom  | NZ4I   | 774  |
| Penc           | Richard | WK2A   | 746  |
| Penn           | Jason   | N9RPT  | 347  |
| Pepper         | Jim     | W6QIF  | 42   |
| Pepperdine     | Brien   | VE3VAW | 539  |
| Percival       | John    | WI60   | 803  |
| Pereira        | Mark    | WA1JVV | 712  |
| Periat         | VJ      | WA6PUV | 871  |
| Perkins        | Roberta | N3CUD  | 70   |
| Perrine        | Herbert | WD8DLQ | 1264 |
| Persaud        | Nardeo  |        | 744  |
| Persson        | Erik    | VE7HTT | 918  |
| Pettibone      | Timothy | AB5OU  | 644  |
| Pfeiffer       | Bruce   | N7CPP  | 1000 |
| Pfister        | Don     | KA0JLF | 770  |
| Phelps         | Randy   | KD8JN  | 485  |
| Pherson        | David   | WW6I   | 1015 |
| Philpot        | Frank   | KE8MM  | 488  |
| Pickett        | Chris   | KE6FAW | 571  |
| Pierce         | Mont    | KM6WT  | 135  |
| Pierce, II     | Edwin   | KZ6Q   | 564  |
| Pion           | Albert  | KE6HKU | 885  |
| Pittman        | Donald  | WB8ZOM | 1160 |
| Pituch         | Steven  | N2MNN  | 691  |
| Plesich        | Joe     | W8DYF  | 988  |
| Ploss          | James   | KB6MYV | 828  |
| Point          | George  | K2BEV  | 932  |
| Point Loma ARC | Library |        | 1232 |
| Polen          | David   | W8FRB  | 303  |
| Polizzo        | Phil    | KE6MSL | 824  |
| Ponton         | Jack    | GM0RWU | 1034 |
| Ponton         | Jack    | GM0RWU | 1164 |
| Pope           | Jim     | KA0JJK | 579  |
| Pope           | Daniel  | WB8BHP | 1150 |
| Potma          | Charlos | PA3CKR | 575  |
| Povlick        | Timothy | WA3INX | 662  |

|            |          |        |      |
|------------|----------|--------|------|
| Powers     | Dennis   | AB6QR  | 557  |
| Pratt      | John     | N1UA   | 536  |
| Pridgen    | Terry    | KC4YTF | 349  |
| Prior      | Greg     |        | 946  |
| Priori     | Gabriele | I6QGA  | 655  |
| Puckett    | Dan      | WD8AAU | 1199 |
| Pulley     | Mike     | WB4ZKA | 958  |
| Pulliam    | Foy      | KK6UM  | 418  |
| Purcell    | Kevin    | N7WIM  | 63   |
| Quagliana  | Doug     | KA2UPW | 128  |
| Quick      | Paulette | N9OUH  | 942  |
| Quigg      | Daniel   | WD4IRK | 668  |
| Raateland  | Arjen    | OH2ZAZ | 1088 |
| Rainbolt   | Bob      | WB0AUQ | 765  |
| Rand       | Randy    | AA2U   | 400  |
| Ratzlaff   | Steve    | AA7U   | 105  |
| Ray        | Martin   | NN9H   | 299  |
| Rea        | Al       | W8LRM  | 246  |
| Read       | John     | KK6OQ  | 390  |
| Read       | Brian    | 2E0AEQ | 737  |
| Redfern    | Dave     | N4ELM  | 162  |
| Reeve      | Rick     | VE3ORY | 743  |
| Rehm       | Eric     | KJ7AE  | 542  |
| Reid       | James    | KD3S   | 435  |
| Reid       | Glen     | K5HGB  | 660  |
| Reid       | Ken      | KE6MZA | 947  |
| Reid       | Archie   | VE7CNB | 1212 |
| Reimers    | Fred     |        | 613  |
| Reistetter | Andy     | K6RYN  | 227  |
| Rench      | Mike     | N6TMR  | 143  |
| Reynolds   | Robert   | K5VOL  | 409  |
| Reynolds   | Dan      |        | 1049 |
| Richardson | Clark    | AH6LC  | 890  |
| Richardson | J.G.     | KB7OC  | 1007 |
| Richmond   | Richard  | N4AFX  | 463  |
| Ridley     | Paul     | KB5DQ  | 1086 |
| Rieger     | Dennis   | KK5DB  | 863  |
| Rioux      | Michael  | NW1J   | 777  |
| Roberts    | Frank    | VE3FAO | 1196 |
| Roberts    | Rob      | N7FEG  | 1278 |
| Roberts    | Ken      | VE3BGW | 1289 |
| Robinson   | Michael  |        | 857  |
| Robinson   | Robert   | KE6IPK | 1136 |
| Rodgers    | Bill     | K3HZP  | 462  |
| Rosen      | Marvin   | N3BQA  | 243  |
| Rosenzweig | Marty    | W00Q   | 1222 |
| Rossi      | Robert   | W2HG   | 325  |
| Rowlett    | Bart     | WB6HQQ | 1124 |

|                 |          |        |      |
|-----------------|----------|--------|------|
| Russell         | Brian    | G0NSL  | 689  |
| Russell         | Dick     | KJ5VV  | 944  |
| Rutledge        | David    | KN6EK  | 1140 |
| Rutledges       | Craig    | KB6XV  | 427  |
| Rybak           | Jim      | W0KSD  | 638  |
| Ryerson         | Richard  | KB2TTL | 1279 |
| Sachs           | David    | AA9GF  | 517  |
| Sage            | Brad     | K6JPR  | 910  |
| Sagerian        | Steve    |        | 1213 |
| Sal             | Vaclav   | AA7EJ  | 1132 |
| Salas           | Phil     | AD5X   | 297  |
| Salek           | Stanley  | KD6CVL | 80   |
| Salony          | John     | WA3SRE | 469  |
| Sammut          | Charles  | K8MI   | 1003 |
| San Giuliano    | Robert   | N2ZWW  | 1019 |
| Sanders         | John     | AB5ZR  | 1059 |
| Sanderson       | Duane    | W0TID  | 370  |
| Sawtelle        | Benjaman | N6PJZ  | 702  |
| Sawyer          | Bruce    | AA6KX  | 1225 |
| Scardino        | James    | KA6GJC | 1129 |
| Scherkenbach    | Jerry    | N9AW   | 499  |
| Schiller        | Matthew  | KD6BWE | 123  |
| Schlottman      | Al       | KL7CVP | 284  |
| Schmeichel, Jr. | Robert   | N1RXV  | 951  |
| Schmidt         | Fred     | N0JFJ  | 544  |
| Schmitt         | Clayton  | N7DKZ  | 1166 |
| Schreibmaier    | Robert   | K2PH   | 1231 |
| Schumacher      | Ethan    | N7WNC  | 1120 |
| Schumau         | Allan    | AA6ZL  | 899  |
| Schutte         | Ralph    | N6NAD  | 529  |
| Schweitzer      | Robert   | WB7QNB | 968  |
| Scott           | Robert   | AC4Q0  | 133  |
| Scott           | David    | N8XYF  | 1162 |
| Scuderi         | Joseph   | KF2ZF  | 1175 |
| Seaman          | Robert   | KC6HPH | 291  |
| Sedlar          | Frank    | WB6KFB | 926  |
| Seeno           | Terry    | N6YQD  | 150  |
| Sellani         | Gary     | KD6ZXF | 1243 |
| Sellers         | Gabe     | K60NR  | 647  |
| Selman          | Larry    | AA6MU  | 249  |
| Semorile        | William  | W6LNG  | 60   |
| Serlin          | Omri     | AA6TA  | 559  |
| Server, Jr.     | Tom      | KB6LUC | 94   |
| Servidio        | Art      |        | 577  |
| Severin         | Ken      | WL7HU  | 791  |
| Seyle, Jr.      | Melvin   | WA3KZR | 392  |
| Seymour         | Bob      | W0LK   | 1076 |
| Shaffenberger   | Paul     | KD8N   | 576  |



|              |         |        |      |
|--------------|---------|--------|------|
| Shalita      | David   | W6MIK  | 354  |
| Shank        | Greg    | KE6EAT | 900  |
| Shanney      | Bill    | KJ6GR  | 136  |
| Shashinda    | Robert  | KE6DHE | 835  |
| Shattuck     | Les     | WN2V   | 422  |
| Shearer      | Stephen | WB3LGC | 794  |
| Shelhamer    | Mark    | WA3YNO | 196  |
| Sherbeck     | Terry   | KC7CXH | 1271 |
| Sherman      | Richard | WZ2T   | 393  |
| Sherrick     | Mike    | NZ7G   | 834  |
| Shipman      | Don     | W3RDF  | 521  |
| Shireman     | Chris   | KD6W0V | 657  |
| Shore        | Randy   | KC6AND | 13   |
| Short        | Doug    | KD6SAU | 895  |
| Shortz       | Bill    | KA9BZM | 86   |
| Shrader      | Eric    | KC6SPN | 731  |
| Shulman      | Jack    | W6EBY  | 78   |
| Siegel       | Mike    | KI6PR  | 29   |
| Silverwood   | Tom     | W6DJ   | 403  |
| Simms        | Loren   | WA5CBF | 1235 |
| Skelley, Jr. | Jack    | WA2SST | 920  |
| Skolaut      | Charles | K0BOG  | 622  |
| Skousen      | Niel    | WA7SSA | 1273 |
| Slade        | David   | K2SJB  | 335  |
| Slavinski    | Francis | KA3WTF | 610  |
| Slavsky      | Steve   | N4EUK  | 1118 |
| Sliger       | Ed      | AB6NA  | 385  |
| Sminkey      | Scott   | W01G   | 586  |
| Smith        | Bob     | KD6FVI | 25   |
| Smith        | Rusty   | KD4GLC | 77   |
| Smith        | Trevor  | AB5EU  | 130  |
| Smith        | J.C.    | KC6EIJ | 255  |
| Smith        | Wayne   | KN6EY  | 459  |
| Smith        | Bill    | WA6YPE | 512  |
| Smith        | H.W.    | W4INQ  | 728  |
| Smith        | J.R.    | WA7ICC | 941  |
| Smith        | Harry   | NA5K   | 967  |
| Smith        | Dennis  | WA4FVQ | 976  |
| Smith        | David   |        | 980  |
| Smith        | Eric    | KC5EQI | 1240 |
| Smith        | R.W.    | N2JOC  | 1259 |
| Smoler       | David   | KE6AJL | 292  |
| Snow         | Douglas | WA8TIM | 1257 |
| Sonnier      | Timothy | KE6JHM | 1079 |
| Sopha        | Bill    | N8SWQ  | 502  |
| Sorge        | Robert  | KC5FMZ | 793  |
| Soules       | Dick    | WA6RXT | 1187 |
| Souligny     | Allan   | WA7SNV | 808  |

|               |         |        |      |
|---------------|---------|--------|------|
| Sparlin       | Douglas | N6PYW  | 268  |
| Spencer       | Fred    | KG2K   | 798  |
| Spencer       | Len     | WA6CBQ | 809  |
| Spencer       | Joe     | KC5KAG | 1179 |
| Spittle       | Derry   | VE7QK  | 543  |
| Spitzer       | Norm    | W6LWR  | 814  |
| Splaine       | Bill    | N6GHG  | 126  |
| Spoonhower    | John    | KC2DU  | 224  |
| Sposato       | Vince   | N2AXV  | 654  |
| Springer      | John    | KI6PU  | 931  |
| Squicciarini  | Martin  | NR3Z   | 186  |
| St. John      | Paul    | N6DN   | 940  |
| Stackhouse    | Ken     | WB4IAI | 316  |
| Stackhouse    | Charles | WA2IPZ | 341  |
| Stade         | Wayne   | N6LQA  | 107  |
| Stafford      | James   | W4QO   | 1092 |
| Stafford      | James   | W4QO   | 1151 |
| Stains        | F.A.    | KB5PZB | 1234 |
| Stanford      | Lee     | KM6LA  | 725  |
| Stanich       | Nick    | N8AAN  | 497  |
| Stanley       | William | KD6GMF | 24   |
| Stark         | Monte   | KU7Y   | 330  |
| Stefanik      | Stan    | VE7STN | 464  |
| Steimetz      | Calvin  | KD6WNM | 211  |
| Stein         | Michael | KC6YSR | 197  |
| Steinhour     | Gary    | N6DZA  | 10   |
| Stelwagon     | Frank   | KD6TNF | 350  |
| Stempek       | Ron     | AB6QP  | 142  |
| Stern         | Rick    | AA6BS  | 903  |
| Stevig        | Dan     | KA7QJY | 160  |
| Stewart       | Holly   | KD5DL  | 677  |
| Stibal        | Thomas  | W0PNS  | 776  |
| Stiebel       | Rich    | W6APZ  | 1105 |
| Stockero      | Ernest  | W6SB   | 228  |
| Stockton      | Glen    | K5UP   | 1167 |
| Stoner        | Hal     | WB6KXV | 1082 |
| Stough        | Bruce   | AA0ED  | 670  |
| Stracqualursi | Larry   | W1HMD  | 556  |
| Strang        | Jim     | N6WTL  | 23   |
| Street        | Nancy   | KE6HLU | 785  |
| Stroud        | Paul    | AA4XX  | 1109 |
| Struckmann    | Daniel  |        | 1270 |
| Stuehler      | Rick    | N6ZFT  | 375  |
| Stuntz        | Stephen | K6FS   | 936  |
| Stutler       | Adrian  | AC4IT  | 987  |
| Stutler       | Adrian  | AC4IT  | 1117 |
| Sugden        | David   | G3MAM  | 694  |
| Sullivan      | James   | KA5FBC | 742  |

|               |          |         |      |
|---------------|----------|---------|------|
| Summers       | Hans     | G0UPL   | 1156 |
| Supplee, Jr.  | Dan      | N7NBW   | 218  |
| Swanson       | Scott    | K6PYP   | 90   |
| Swanson       | Richard  | N5JWL   | 1122 |
| Swartwout     | Mark     | NX1K    | 230  |
| Swartz        | Eric     | WA6HHQ  | 251  |
| Switzer       | L.T.     | N8CQA   | 494  |
| Switzer       | Emil     | W1GGM/4 | 587  |
| Syd           | Furman   | W6QWK   | 823  |
| Szymaniak     | Bernard  | DL7GK   | 722  |
| Tanaka        | Marvin   | KH6MM   | 118  |
| Tatum         | Robert   | WA5THJ  | 969  |
| Tavan         | Richard  | N6XI    | 170  |
| Taylor        | Greg     | KD4HZ   | 294  |
| Taylor        | Leland   | KD6U0Q  | 428  |
| Taylor        | Craig    | K9CKA   | 1250 |
| Tellefson     | Bob      | N6WG    | 813  |
| Tendams       | Pat      | WS8T    | 266  |
| Ter Sarkisoff | Mike     | N6DBZ   | 535  |
| Thearle, Jr.  | Al       | WB6RUU  | 415  |
| Theiler       | Peter    | KI4KN   | 1203 |
| Thomas        | Walt     | WA4KAC  | 523  |
| Thomas        | John     | WX7R    | 650  |
| Thomas        | Mike     | KE4LAU  | 653  |
| Thomas        | Dick     | AB6TJ   | 748  |
| Thomas        | Scott    | NM1J    | 1029 |
| Thompson      | J.B.     | AA6IH   | 402  |
| Thompson      | Jerry    | AB7DE   | 797  |
| Thompson      | Chuck    | KE6DRN  | 928  |
| Thomsen       | Valdemar | KD6LED  | 1080 |
| Thornton      | Dub      | WA5YFY  | 598  |
| Thornton      | John     | WM6R    | 1193 |
| Tinsley       | Ken      | WF6H    | 983  |
| Todd          | Bill     | N7MFB   | 214  |
| Tolk          | Somme    | N6JKB   | 1032 |
| Tolliver      | Grover   | KQ4AL   | 751  |
| Tomlinson     | John     | KA5QYR  | 1249 |
| Townsend      | Jim      | K9BXG   | 489  |
| Tracy         | Dan      | KC9RH   | 1202 |
| Trail         | Matthew  | KN6CR   | 1047 |
| Traylor       | Roger    | WB4TPW  | 242  |
| Treaton       | Bernard  | KM6TY   | 446  |
| Treleavan     | Dale     | VE7UX   | 917  |
| Trentacosti   | Charlie  | KJ6MO   | 98   |
| Treusch       | Brian    | KJ6LL   | 15   |
| Tribble       | Don      | KD6MDV  | 1081 |
| Trier         | Stephen  | KG8IH   | 618  |
| Trigilo       | Dan      | KF6MU   | 570  |

|                 |         |        |      |
|-----------------|---------|--------|------|
| Troster         | John    | W6ISQ  | 46   |
| Troth           | Cyle    | N0RIA  | 1252 |
| Turner          | Clark   | WA3JPG | 56   |
| Turner          | Don     | W6ROY  | 772  |
| Turner          | Victor  | WA6EIW | 862  |
| Turner          | Mitch   | KN6MJ  | 881  |
| Turpin          | Fred    | K6MDJ  | 51   |
| Turvey          | Paul    | G1PJJ  | 44   |
| Ubis            | Ray     | KG7UB  | 1236 |
| Ubling          | Sam     | N4UAU  | 845  |
| Uhte            | Jerry   | K9UT   | 1098 |
| Upton           | Larry   |        | 569  |
| Usbeck          | Peter   | KB20FC | 1254 |
| Utley           | Dennis  | K7JLF  | 379  |
| Utley           | Jon     | KG7TE  | 380  |
| Valko           | Paul    | WB8ZJL | 778  |
| Van De Velde    | Robert  |        | 534  |
| Van Derpoel     | Frank   | K6UIZ  | 867  |
| Van Nuys        | David   | AB6XR  | 901  |
| Vandenheede     | Tim     | KC6IJE | 959  |
| Vander          | Mike    | KE6HCG | 894  |
| Vanderbeek      | Herbert | WY6G   | 811  |
| Varn            | David   | KM6RI  | 20   |
| Vaughn          | Chuck   | AA0HW  | 505  |
| Vink            | Klaas   | VE6BKV | 1286 |
| Vitullo         | Robert  | K9TWK  | 1018 |
| Von Striver     | Jim     | W6ASL  | 882  |
| Wagner          | Rick    | AA4GC  | 1075 |
| Waits           | Don     | N5KLI  | 624  |
| Walker          | Leo     | AD50F  | 360  |
| Walker          | Bruce   | WT1M   | 453  |
| Walker          | Ken     | VE7KGW | 741  |
| Wallack         | John    | W6TLK  | 401  |
| Warmke          | Robert  | W6CYX  | 7    |
| Watson          | David   | KE6BWJ | 716  |
| Watson          | Dan     | N6QGI  | 886  |
| Watson          | Wayne   | WB8ZWW | 1218 |
| Weathersby, Jr. | Scott   | AA5BK  | 169  |
| Weaver          | Jack    | KD6ZMJ | 896  |
| Weaver          | Michael | KG8H   | 933  |
| Weaver          | Todd    | KE4ALG | 1172 |
| Webb            | John    | W6RCW  | 812  |
| Webber          | Will    | KF8XC  | 147  |
| Webster         | Dennis  | WJ6H   | 773  |
| Wee             | Daniel  |        | 674  |
| Weiss           | Adrian  | W0RSP  | 661  |
| Welch           | Dale    | N6DW   | 348  |
| Welch           | John    | N9JZW  | 592  |

|            |         |        |      |
|------------|---------|--------|------|
| Weller     | Jeff    | N2SZE  | 331  |
| West       | Doug    | KB5SZZ | 276  |
| Westfield  | Michael | N6PFK  | 81   |
| Westphal   | John    | W8YNA  | 753  |
| Wheable    | Michael | KC6GPY | 444  |
| Wheatcraft | Bill    | N0WZE  | 431  |
| Wheeler    | Vernon  | N7SPK  | 1071 |
| White      | William | N10SA  | 72   |
| White      | Joseph  | WA4GIR | 73   |
| Wickham    | Bruce   |        | 1269 |
| Wicks      | Robert  | W3HAH  | 537  |
| Wilber     | Don     | WD6GYJ | 64   |
| Wilhelm    | Spence  | KB7CTY | 188  |
| Wilkerson  | Richard | WD6FDD | 630  |
| Will       | Mark    | KB0QIE | 1142 |
| Willard    | Charles | KN40A  | 1050 |
| Williams   | James   | KI6JD  | 6    |
| Williams   | Bruce   | N9JVC  | 359  |
| Williams   | Jerry   | KB9SZ  | 696  |
| Williams   | KC      | VK6KC  | 717  |
| Williams   | F.T.    | WA6NSC | 876  |
| Williams   | Lee     | WA6IMF | 914  |
| Williamson | Lars    | W6RMY  | 151  |
| Williamson | Art     | N0TXT  | 301  |
| Wilson     | Reed    | K6JUD  | 361  |
| Wilson     | Stan    | AK0B   | 404  |
| Wilson     | Donald  | KM6SE  | 451  |
| Wilson     | Walter  | K8AEM  | 1026 |
| Wilson     | Walt    | N6XG   | 1068 |
| Wilson     | C.W.    | N6MUJ  | 1083 |
| Wilson     | Tom     | NI0I   | 1210 |
| Windish    | Walter  | KB2JE  | 1170 |
| Wingert    | Brian   | N7RVD  | 199  |
| Winn       | Don     | AF4Z   | 313  |
| Winter     | Dick    | AB6EY  | 802  |
| Wirth      | John    | VK6RJ  | 1260 |
| Woish      | Bob     | WB3BJT | 603  |
| Wolbert    | Bob     | N6IP   | 515  |
| Wold       | Bob     | K6ZLY  | 357  |
| Wood       | Michael | N6MVE  | 82   |
| Woods      | Jim     | KC7FG  | 155  |
| Woods      | John    | WB7EEL | 181  |
| Woodward   | Robert  | N6PGQ  | 417  |
| Wright     | Robert  | WB7CNJ | 201  |
| Wright     | Frank   | K06MI  | 280  |
| Wright     | James   | WB5THZ | 376  |
| Wright     | Vern    | W6MMA  | 419  |
| Wright     | Robert  | KG7YE  | 484  |

|           |         |        |      |
|-----------|---------|--------|------|
| Wright    | Barbara | KE6HRK | 999  |
| Wyman     | Mike    | WB1CWD | 217  |
| Wynn      | Clay    | N4A0X  | 337  |
| Yeates    | Robert  | N6BYY  | 1283 |
| Yee       | Gordon  | KI6UH  | 30   |
| Yip       | Stanley | VE7G0  | 617  |
| Yokum     | Roger   |        | 247  |
| Young     | Bill    | WF6D   | 54   |
| Young     | Terry   | KC6SOC | 92   |
| Young     | Robert  |        | 916  |
| Zabrodski | Rick    | VE6GK  | 519  |
| Zahos     | Stephan | KR4S   | 960  |
| Zander    | Paul    | AA6PZ  | 608  |
| Zarfos    | Ben     | W3GES  | 527  |
| Zawalick  | Frank   | WD6DCV | 84   |
| Zemenick  | Ted     | W8LCR  | 801  |
| Zentner   | Bob     | W6UMP  | 223  |
| Zidonis   | Rich    | AB8Q   | 1043 |
| Zimmerman | David   |        | 775  |
| Zumwalt   | Glenn   | KJ6EN  | 874  |

I realize that this is long, but I have had numerous requests to post it.  
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 3241 Eastwood Rd., Sacramento, CA 95821. Make checks out to Jim Cates and not  
 NorCal.  
 72, Doug

From qrp-1@lehigh.edu Sat Jul 22 19:06:00 1995  
 From: r.lawn@mail.utexas.edu (Richard J. Lawn)  
 Subject: [1940] Questions  
 Message-ID: <v01510102ac36ea5ee1b3@[128.83.204.123]>

I'm a new subscriber and am really enjoying reading the regular digests.  
 I'd be interested in hearing from QRP+ users since I'm considering a  
 purchase.

I built the A & A 20 mtr cw rig about a year ago and also the little Spider  
 for 40mtr recently. Both kits have peaked my interest in QRP.

Anyone know info on the 40/30 rig featured in this months 73. It looked  
 interesting as well.

Lastly, are Argonouts still worth buying?

73s

Rick  
WB0WAG

Richard J. Lawn  
Associate Dean  
5602 Cedro Trail  
Austin, TX 78731

From qrp-1@lehigh.edu Sat Jul 22 19:06:00 1995  
From: rohrwerk@netcom.com (John Seboldt)  
Subject: [1925] Ring Diode DB Mixer voltage  
Message-ID: <199507220523.WAA09040@netcom8.netcom.com>

Re the voltage reading of LO injection into a double balanced mixer...

Your voltage reading will be clipped by the diodes to about 1 volt peak to peak! It's the nature of the beast.

I found this too the first time I put some RF into one. But it's logical if you think about it. The goal is to saturate the diodes solidly into conduction... therefore the voltage across them can be no more than the barrier voltages, therefore the level you read will be limited to that amount. But you still want to feed more into them than this to get good mixing/switching action.

: John Seboldt rohrwerk@netcom.com / CW: It don't mean a thing  
: Amateur radio K0JD... / if it ain't got that swing!  
: Church of the Annunciation, / Di dah, di dah, di dah, di dah...  
: Minneapolis / (sorry, Duke!)

From qrp-1@lehigh.edu Sat Jul 22 19:06:00 1995  
From: rarland@epix.net  
Subject: [1936] Ten-Tec Model 200 VFO  
Message-ID: <Pine.SUN.3.91.950722175721.13440A-100000@grape.epix.net>

I finally found my T-T 200 VFO that I picked up at Dayton in 1992. I had

intended to sell it at a hamfest but now I have a much better idea. I'm gonna turn it into a driver stage for a satellite transmitter for RS-12's 15 meter uplink and a 10 meter driver for transverters for 2meters and 70cms.

The VFO puts out about 55 mW on 15 and 10 meters. I do not have the documentation or schematics for this VFO. Anyone out there have them? I'll pay repo costs plus mailing.

73 rich

From qrp-1@lehigh.edu Sat Jul 22 19:06:00 1995  
From: rarland@epix.net  
Subject: [1926] Wilderness Radio NC-40A  
Message-ID: <Pine.SUN.3.91.950722011825.1721B-100000@mango.epix.net>

I received my NC-40A yesterday (Thrusday), had a couple of my students wind the torridal inductors (that's why I'm the teacher!), and commenced construction at 1830 hours (EDT) this evening (Friday).

Three and one half hours (3 1/2) later I was done with the construction. It took another 1/2 hour to align and tweek, but in about 4 hours, I had gone from a baggie of parts to a functional transciever. It worked the first time, and puts out 2 watts with a gel-cell rated at 12.66 volts. Receiver draws about 17mA.

It has a few enhancements that my original NC-40 does not have and it works great. The color scheme on the cabinet looks good and the silkscreening on the front and rear panels is outstanding. I like the clips on the side.....much easier to get into the rig for show and tell.

It is going with me to the Jonestown Mountain Repeater Assn hamfest tomorrow and will be used in my QRP display. Hopefully I'll get somemore people to sign up for NorCal and QRP ARCI.

73 rich

From qrp-1@lehigh.edu Sat Jul 22 19:06:00 1995  
From: mckinnon@tezcat.com (Chuck McKinnon)  
Subject: [1937] Would someone check this circuit?  
Message-ID: <v01510100ac371afd1d2b@[204.248.80.130]>

Hi all,



One possible use is to go with the 15v version and use a 12v regulator to control any ripple. This circuit will (should) maintain the  $V_{out}$  until  $V_{in}$

goes below 6v.

So, what do you think? If anyone builds this, let me know.

--

chuck

From qrp-1@lehigh.edu Sat Jul 22 19:06:00 1995  
From: af514@detroit.freenet.org (Hank Kohl)  
Subject: [1938] You gotta be kidding.....  
Message-ID: <199507220528.BAA13772@detroit.freenet.org>

Edited.....

Subject: Re: Time for an "Olga Filter"...

> Can the admin for this listserver build an "Olga" filter to  
> reject/ignore submissions by "romance@in.the.former.USSR.ua"?

Done. However, since it's a bogus address to begin with the sender could change it easily enough. Other steps we could take:

<text>

So, I'll ask Mike to remove the forwarding from netcom. Please make sure you're posting to qrp-1@lehigh.edu, not qrp-1@netcom.com. And please reply to me privately if you have any questions/comments/suggestions.

/jim

-----  
What happens next May when the "Dayton WX reports" appear again?

What happens when a bunch of qrp-1 members take offense to those who happen to "turn up the wick" to make a QSO?

What happens when the group from Podunk Hollow decide that  
----- isn't appropriate here?  
fill in the blank

Lighten up. Pop open a Millers, Coke, Strohs, Pepsi, Gobels, NeHi Orange, Lone Star, whatever. This isn't Rosanne, Friends, Jenny Jones, Married with Children or the Simpsons. So maybe Olga really does run QRP.

< include disclaimer.std>

```
--  
/*  
/*      email      af514@detroit.freenet.org  
/*      call       k8dd      hank      port huron, mi  
/*
```

From qrp-1@lehigh.edu Sat Jul 22 19:06:00 1995  
From: frank@yorks.demon.co.uk (Frank, G3YCC)  
Subject: [1930] Re: Multi-band Transceiver  
Message-ID: <5739@yorks.demon.co.uk>

Hello Bill. There is one kit supplier in UK who markets a multiband rig, called Hands Elec., which I can send info of if you need his address, but haven't had any experience of it. Also, one firm does a kit for a multiband synthesiser, Kanga, but you can get those in US anyway.

I am in the middle of building, rebuilding and then again (!) a multiband ssb rig which uses a synthesiser which was designed, but never marketed by Jandek in UK; he is not now trading. Many firms here are finding it very hard as new regulations have come into force whereby all kits and ready made gear has to be type approved. This means a hefty cost per kit and smaller firms can't afford to carry on. Another benefit of belonging to the European Economic Community. These are the guys who rule our roost nowadays, with daft regulations, like stopping a local tomato grower from selling his fruit because they were the wrong shape... However, I digress! I suppose, getting back to the original point, you have a few options, basically either a rig based on synthesisers or crystal mixing. The latter seems, in my experience to be the easiest option.

I hope these notes are of use, Bill.

73

--

Frank G3YCC (G QRP 042)

From qrp-1@lehigh.edu Sat Jul 22 19:06:00 1995  
From: kd7s@valleynet.com (Bill Jones)  
Subject: [1934] Re: Multi-band Transceiver  
Message-ID: <199507221556.IAA16360@sierra.valleynet.com>

--> Reply to Geoff, NQ7A <--

Thank you, Geoff, for your input. I agree that some type of synthesizer would be a better approach but at this point in time I have neither the parts nor the expertise to go that route.

In reality, I have already built a multi-band QRP xcvr using plug-in modules to change bands. The plug-ins contain the transmitter low-pass filter, receiver front-end tuned circuits and an NE602N mixer/oscillator feeding a bandpass filter to convert a 4.9-5.0 MHz VFO to 7.0-7.1 MHz (for the 40 meter version.) The \*mainframe\* circuitry is a conventional direct conversion receiver with another NE602N mixer, NE5534 a.f. preamp, a 4-pole audio filter, FET mute switch and 1-watt audio amp. While I realize that direct conversion receivers are no longer in vogue, that doesn't keep them from working very well.

The transmitter is a conventional buffer/driver/PA layout with a 2N3553 at the antenna. Receive offset is handled by an RIT circuit I designed using a CD4066 CMOS quad switch.

This little rig may cause Wayne Burdick and Dave Benson to groan in agony but every QSO I have with it puts a big smile on \*my\* face.

From qrp-1@lehigh.edu Sat Jul 22 19:06:00 1995  
From: geoffs@onr.com (Geoff Schecht)  
Subject: [1933] Re: MXM 30 Meter Xcvr Kit  
Message-ID: <199507221934.0AA01561@Sierra.onr.com>

Hello Gus:

>Does anyone have any comments they would like to share  
>with me about the SuperRig from MXM?

I have one of the older SuperKits. My only major complaint about it is the fact that a lot of the holes in the PWB were drilled off-center to the point that the mtg. pads weren't usable. It took considerable effort to get the component leads to contact the PWB lands in several spots. The documentation was adequate for me since I'm very good at building and fixing just about anything electronic (and obviously not too proud to brag, either!) but someone without much electronics experience would definitely need help. I got a schematic and a Xeroxed

assembly guide but this was most definitely *\*not\** a Heathkit.

If Bruce is selling chassis, I'd definitely recommend getting one since mounting this in a blank Bud Box took a lot of drilling, sawing and filing! The vernier cap that Bruce modified for the RX VFO is a pretty good quality unit; use the mounting holes on the bottom of it to secure it to the chassis as close as possible to the RX VFO section of the PWB. I replaced a number of the parts in the kit with higher grade components but that's only because I had them on hand.

Watch the TX oscillator on a scope or spectrum analyzer when tweaking it. Mine had a tendency to mode-hop to the third harmonic when the slug was adjusted to one extreme.

The ceramic filter in my unit is not too great for CW use (NTK LF-B4 +/-2kHz/-6dB & +/-7.5kHz/-40dB. The ultimate rejection is only 27dB, too. I remember Bruce telling me he was having fits getting Murata filters at the time I bought my kit. Considering the relatively modest initial investment in the kit, you can afford to replace this filter with a better one.

I'd recommend a CFS455J ceramic filter from MuRata (+/-1.5kHz/-6db & +/-4.5kHz@-80dB <asymptotic> with 60dB ultimate rejection 100kHz from center). It'd be a wire-in, the CFS455J's a lot bigger than the stock filter that comes with the kit. You can get them from CirKit in England (thanks to everyone who told me about CirKit!) for maybe US\$35 total. That's half the price I paid for my SuperKit but a decent IF filter is what makes a CW rig usable to me (along with a bunch of other RX features such a simple RX won't have, but for the price, hey...).

Good Luck

Geoff NQ7A Austin, TX

From qrp-1@lehigh.edu Sat Jul 22 19:06:00 1995  
From: Steven Wilson <randyw@crl.com>  
Subject: [1935] Re: MXM 30 Meter Xcvr Kit  
Message-ID: <Pine.SUN.3.91.950722141323.16811A-100000@crl13.crl.com>

The SuperRx is a FUN receiver. FAR Circuits has nice PC boards.  
The filter can be found in old 23 channel CB radios at just about

any flea mkt or hamfest for couple of dollars. This receiver is hot. You need a small 10 - 15 pf variable cap. The best ones are the ones with a built-in reduction ratio. The small variable cap will cover about 170 khz on 40 meters. All of the CW band and just enough of the SSB band to allow you to be a SWL on 40 mtrs. hi

Build in a metal box, 360 degrees. I used very small about 2 " x 4 " x 1 1/2 " ... I hv built two of them and they work the same. They are HOT. Use a "I" filter if you can find it. usually marked 455I in the old CB radios. Radio shack use to have filter coils, if not mouse will have them. I think you need two black and two green.

One IC is obsolete, been obsolete for years it is MC1340 I think, anyway A & A Engring use to have them, Gateway Electronics, etc But new stock will not find them. It is about \$1.50 each. On 602's it requires two of them, The 602A has higher gain.

You will find it a delight if you built it in a metal box so your hand capacity does not effect tuning. You only need about 10 ' of wire for an antenna. If you really try you can build the receiver for about \$20. But you will have to look for parts. It use to cost \$50 as a kit. \$50 is to much.....

It is a superhet not a DC radio.... It will work on 20, 30, 40 and 80 mtrs by how you do the coil.

de stan ak0b

From qrp-1@lehigh.edu Sat Jul 22 19:06:00 1995  
From: Joe Spencer <jspencer@metronet.com>  
Subject: [1932] Re: NorCal Numbers  
Message-ID: <Pine.HPP.3.90.950722111043.10579A-100000@fohnix.metronet.com>

Doug,  
Thanks for posting the list...

Please note my new Callsign KK5NA.

73/72, Joe

-----  
Joe Spencer KK5NA . .  
jspencer@metronet.com  
QRP ARCI-8781 NORCAL-1179 NORTEX-112  
Arlington, TX  
-----